

Through the Looking Glass: Focal Points, Connections and Everyday Mathematics

Kari Augustine, Monona Grove School District, Wisconsin Math Council, May 3, 2007

Everyday Math Second Edition Curriculum Features

<http://everydaymath.uchicago.edu/educators/index.shtml>

Multiple Methods for Basic Skills Practice

Everyday Mathematics provides numerous methods for basic skills practice and review. These include written and choral fact drills, mental math routines, practice with fact triangles (flash cards of fact families), daily sets of review problems called math boxes, homework, timed tests and a wide variety of math games.

Appropriate Use of Technology

Everyday Mathematics teaches students how to use technology appropriately. The curriculum includes many activities in which learning is extended and enhanced through the use of calculators. At the same time, all activities in which calculators would function simply as crutches for basic computation are clearly marked with a "no calculator" sign.



Math Fluency Links:

Fox Point Bayside School District Curriculum - Practicing Math Processes through Computation & Fluency

<http://www.foxbay.k12.wi.us/Parents/Curriculum/MathPracticing.asp>

Fox Point Bayside Instruction: Mathematics

<http://www.foxbay.k12.wi.us/Staff/Instruction/math.asp>

Elementary Math Instruction Part One: Everyday Mathematics (Cloquet Public Schools)

<http://www.cloquet.k12.mn.us/Page1144.aspx>

Alternate Algorithms, several PowerPoint presentations created by Rina Iati, South Western School District, to demonstrate Partial Sums, Trade-First, Partial Products and other "non-standard" algorithms.

http://www.swsd.k12.pa.us/~rina_iati/alternat_algor.htm

Reform Math Critics:

Kitchen Table Math Everyday Math's smoking gun

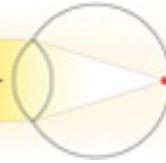
<http://kitchentablemath.blogspot.com/2007/01/everyday-maths-smoking-gun.html>

Math Education: An Inconvenient Truth: (13 minutes)

<http://www.youtube.com/watch?v=Tr1qee-bTZI>

Curriculum Focal Points

for Prekindergarten through Grade 8 Mathematics

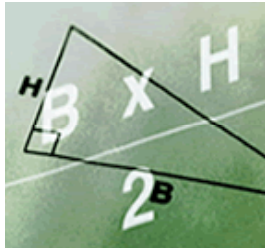


The Curriculum Focal Points are the most important mathematical topics for each grade level. They comprise related ideas, concepts, skills, and procedures that form the foundation for understanding and lasting learning.

<http://www.nctm.org/standards/content.aspx?id=270>

Focal Points – Free Downloads

http://www.nctm.org/standards/focalpoints.aspx?id=282&ekmense=c580fa7b_10_48_282_6



Everyday Math Resources

Center School District

[EDM Home](#) [Kindergarten](#) [1st Grade](#) [2nd Grade](#) [3rd Grade](#) [4th Grade](#) [5th Grade](#)

An excellent collection of interactive games with specific correlations to Grade-Unit-Lesson ~ a WOW; frequently updated.

<http://www1.center.k12.mo.us/edtech/everydaymath.htm>

FASTT Math™

This math intervention software program uses research-validated methods to help struggling students develop fluency with basic math facts in addition, subtraction, multiplication, and division. Using the FASTT system (Fluency and Automaticity through Systematic Teaching with Technology), the software provides a continuously adaptive program that efficiently increases math fact fluency in customized, 10-minute daily sessions.

<http://www.tomsnyder.com/products/product.asp?SKU=FASFAS>



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